

Shelf Life Testing

Accurately determining the shelf life of pre-packaged food is essential to minimise any deterioration in product quality, food safety risks, consumer complaints and product recalls.

But shelf-life is affected by a multitude of factors. Knowing where to look and how to analyse product performance is key. Our multidisciplinary team of experts have the specialist knowledge and capabilities across a wide range of product types to undertake the necessary studies to confirm and extend your product shelf life.



Our shelf life capabilities include:

- Designing and performing shelf life studies
- Advice on potential failure mechanisms
- Conducting real time and accelerated studies to confirm and extend shelf life
- Problem solving and troubleshooting support to investigate and mitigate the cause of product deterioration
- Assessing the impact of packaging solutions on product stability
- Optimising formulations, ingredients, product format and process conditions, to produce more stable products through shelf life

‘RSSL’s deep multidisciplinary expertise, agile approach and scientific excellence gave us full confidence in the shelf life of our new product we were launching.’